## **EAST Search History**

## EAST Search History (Prior Art)

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	9604	427/58,96.1,96.2,385.5,387.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/16 13:48
L2	9627	427/58,96.1,96.2,96.5,385.5,387.cds.	US-PGPUB; OR USPAT; USOCR		ON	2010/04/16 13:51
L3	86	2 and (hydrosilane or hydro-silane or (hydro adj silane) or hydridesilane or hydride-silane or (hydride adj silane) or hydridosilane or hydrido- silane or (hydrido adj silane))	US-PGPUB; OR USPAT; USOCR		ON	2010/04/16 13:52
L4	3634	2 and (insulating or insulator or insulation or semiconductor or dielectric)	US-PGPUB; OR USPAT; USOCR		ON	2010/04/16 13:53
L5	1565	2 and dielectric	US-PGPUB; USPAT; USOCR	· )		2010/04/16 13:53
L6	3495	2 and mechanical	US-PGPUB; USPAT; USOCR	, i		2010/04/16 13:53
L7	910	2 and (mechanical with strength)	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/16 13:53
L8	964	2 and ((mechanical with strength) or gpa)	US-PGPUB; USPAT; USOCR	,		2010/04/16 13:53
L9	123	2 and gpa	US-PGPUB; USPAT; USOCR	1		2010/04/16 13:54
L10	397	2 and (hydrosilane or hydro-silane or (hydro adj silane) or hydridesilane or hydride-silane or (hydride adj silane) or hydridosilane or hydrido- silane or (hydrido adj silane) or sih or hsi)	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/16 13:54

L11	38	10 and 4 and 8	US-PGPUB; USPAT; USOOR	OR	ON	2010/04/16 13:55
L12	16	10 and 4 and 8 and 9	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/16 13:56
L13	181	2 and ((hydrosilane or hydro-silane or (hydro adj silane) or hydridesilane or hydride-silane or (hydride adj silane) or hydridosilane or hydrido- silane or (hydrido adj silane) or sih or hsi) same (siloxane or polysiloxane or organosiloxane or polyorganosiloxane or organopolysiloxane))	USPAT; USOCR	ON	2010/04/16 13:59	
L14	14	13 and 4 and 8	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/16 13:59
L15	8	13 and 4 and 8 and 9	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/16 13:59
L16	3	("3615272" or "5010159" or "7057002").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/16 14:46
L17	1651	((hydrosilane or hydro-silane or (hydro adj silane) or hydridesilane or hydride-silane or (hydride adj silane) or hydridosilane or hydrido- silane or (hydrido adj silane) or sih or hsi) and (siloxane or polysiloxane or organosiloxane or polyorganosiloxane or organopolysiloxane))	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/16 14:48
L18	2403595	(insulating or insulator or insulation or semiconductor or dielectric)	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/16 14:48
L19	128932	((mechanical with strength) or gpa)	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/16 14:49

L20	9319	gpa	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/16 14:49
L21	0	17 and 18 and 19	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/16 14:50
L22	0	17 and 18	US-PGPUB; OR USPAT; USOCR		ON	2010/04/16 14:50
L23	16	17 and 18 and 19	FPRS; EPO; OR JPO; DERWENT; BM_TDB		ON	2010/04/16 14:51
L24	3	17 and 18 and 19 and 20	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/16 14:52
L25	1	"7625642".pn.	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR ON		2010/04/16 14:54
L26	1	"7625642".pn.	US-PGPUB; USPAT; USOCR	OR ON		2010/04/16 14:55
L27	1	26 and (hydrosilane or hydro-silane or (hydro adj silane) or hydridesilane or hydride-silane or (hydride adj silane) or hydridosilane or hydrido- silane or (hydrido adj silane) or hsi or sih)	US-PGPUB; USPAT; USOCR	OR ON		2010/04/16 15:10
L28	3	16 and (hydrosilane or hydro-silane or (hydro adj silane) or hydridesilane or hydride-silane or (hydride adj silane) or hydridosilane or hydrido- silane or (hydrido adj silane) or hsi or sih)	US-PGPUB; USPAT; USOCR	,		2010/04/16 15:11
L29	1	16 and ((mechanical with strength) or gpa or modulus)	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/16 15:16

S1	2	("20010055892"   "6410141").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/19 13:50
S2	6	("7345351" or "7238627" or "6933360" or "7358316" or "6743471" or "6806161").pn.	US-PGPUB; OR USPAT; USOCR		ON	2008/06/19 16:02
S3	0	\$2 and (hydrosilane or hydro-silane or hydridesilane or hydride-silane or (hydride adj silane))	US-PGPUB; OR USPAT; USOCR		ON	2008/06/19 16:04
S4	6	\$2 and (base or basic or ammonia or ammonium or "nh.sub.3" or amine)	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/19 16:05
S5	106	(choi-bum-gyu or ko-min-jin or ko-byung-ro or moon-myung-sun or kang-jung-won or nam- hye-yeong or kang-gwi-gwon).in.	US-PGPUB; OR USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB		ON	2008/06/19 16:12
S6	3	S5 and (hydrosilane or hydro-silane or hydridesilane or hydride-silane or (hydride adj silane))	US-PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/19 16:12
S7	2	S6 and (base or basic or ammonia or ammonium or "nh.sub.3" or amine)	US-PGPUB; OR USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB		ON	2008/06/19 16:15
S8	0	S1 and (hydrosilane or hydro-silane or hydridesilane or hydride-silane or (hydride adj silane))	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/19 17:18
S9	1	S1 and (base or basic or ammonia or ammonium or "nh.sub.3" or amine)	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/19 17:21

S10	5342	427/58,96.1,96.2,387.cds.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/19 17:27
S11	80	S10 and (hydrosilane or hydro-silane or (hydro adj silane) or hydridesilane or hydride-silane or (hydride adj silane) or hydridosilane or hydrido- silane or (hydrido adj silane))	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/19 17:28
S12	3418	S10 and (base or basic or ammonia or ammonium or "nh.sub.3" or amine)	US-PGPUB; OR USPAT; USOCR		ON	2008/06/19 17:29
S13	66	S11 and S12	US-PGPUB; OR USPAT; USOCR		ON	2008/06/19 17:29
S14	2262	S10 and (insulating or insulator or insulation or semiconductor or dielectric)	US-PGPUB; OR USPAT; USOCR		ON	2008/06/19 17:30
S15	49	S11 and S12 and S14	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/19 17:30
S16	749	S10 and ((base or basic or ammonia or ammonium or "nh.sub.3" or amine) with (catalyst or catalyz\$))	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/19 17:31
S17	13	S11 and S14 and S16	US-PGPUB; USPAT; USOCR	OR ON		2008/06/19 17:32
S18	0	"20060141163.pn"	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/19 18:25
S19	1	"20060141163".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/19 18:25
S20	1	S19 and (base or basic)	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/19 18:25
S21	1	S19 and (acid\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/19 18:28
S22	1	"20010055892".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/26 11:47
S23	1	\$22 and (mw or molecular\$ or weight or wt or "wt.")	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/26 11:47

S24	1	"5548053".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/26 12:16
S25	1	\$24 and (h or hydrogen)	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/26 12:16
S26	12	ş1	or "20030054115" or USPAT; USOCR or "20020106500" or 318124" or "6913796" or	7918" or "20030054115" or USPAT; USOCR 17:19 8522" or "20020106500" or "or "6318124" or "6913796" or	ON	2009/06/04 17:19
<b>S</b> 27	3	("6318124" or "6824833" or "20010036749"). pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/04 17:21
S28	5773	427/58,96.1,96.2,387.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/15 13:54
S29	83	\$28 and (hydrosilane or hydro-silane or hydridesilane or hydride-silane or (hydride adj silane) or hydridosilane or hydrido-silane or (hydrido adj silane))	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/15 13:56
S30	379	\$28 and (hydrosilane or hydro-silane or hydridesilane or hydride-silane or (hydride adj silane) or hydridosilane or hydrido-silane or (hydrido adj silane) or hsi or sih)	US-PGPUB; USPAT; USOCR	OR ON		2009/06/15 13:56
S31	2289	\$28 and (((base or basic) with catalyst) or ammonia or ammonium or "nh.sub.3" or amine)	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/15 13:57
S32	2563	\$28 and (insulating or insulator or insulation or semiconductor or dielectric)	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/15 13:58
S33	60	S29 and S31	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/15 13:58
S34	48	S29 and S31 and S32	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/15 13:58

<b>S</b> 35	256	\$30 and \$31	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/15 13:58		
S36	109	\$30 and \$31 and \$32	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/15 13:59		
S37	12	("20040058090" or "20030157267" or "20030077918" or "20030054115" or "2003008522" or "20020106500" or "6495479" or "6318124" or "6913796" or "6407006" or "6797607" or "20020168876"). pn.	US-PGPUB; OR USPAT; USOCR		or "20030054115" or USPAT; USOCR or "20020106500" or 818124" or "6913796" or	OR	ON	2009/06/15 14:00
S38	0	S37 and S29	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/15 14:00		
S39	0	S37 and S30	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/15 14:00		
S40	0	S37 and S30	US-PGPUB; USPAT; USOCR	, ;		2009/06/15 14:00		
S41	0	\$37 and \$31	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/15 14:01		
S42	0	S37 and S32	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/15 14:01		
S43	5	S37 and (hydrosilane or hydro-silane or hydridesilane or hydride-silane or (hydride adj silane) or hydridosilane or hydrido-silane or (hydrido adj silane))	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/15 14:01		
S44	12	S37 and (hydrosilane or hydro-silane or hydridesilane or hydride-silane or (hydride adj silane) or hydridosilane or hydrido-silane or (hydrido adj silane) or hsi or sih)	US-PGPUB; USPAT; USOCR	) / l		2009/06/15 14:02		
S45	12	S37 and (((base or basic) with catalyst) or ammonia or ammonium or "nh.sub.3" or amine)	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/15 14:02		

S46	5	S37 and (insulating or insulator or insulation or semiconductor or dielectric)	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/15 14:02
S47	5	S43 and S45 and S46	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/15 14:03
S48	1	"20060141163".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/15 14:00
S49	1	S48 and only	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/15 14:01

## EAST Search History (Interference)

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L30	6419	427/58,96.1,96.2,96.5,385.5,387.cdls.	USPAT; UPAD	OR	ON	2010/04/16 15:27
L31	44	30 and (hydrosilane or hydro-silane or (hydro adj silane) or hydridesilane or hydride-silane or (hydride adj silane) or hydridosilane or hydrido- silane or (hydrido adj silane) or sih or hsi).clm.	USPAT; UPAD	OR	ON	2010/04/16 15:28
L32	700	30 and (insulating or insulator or insulation or semiconductor or dielectric).clm.	USPAT; UPAD	OR	ON	2010/04/16 15:28
L33	259	30 and (mechanical or strength or modulus or gpa).	USPAT; UPAD	OR	ON	2010/04/16 15:29
L34	0	31 and 32 and 33	USPAT; UPAD	OR	ON	2010/04/16 15:30
L35	4	31 and 32	USPAT; UPAD	OR	ON	2010/04/16 15:30

## 4/16/10 3:32:10 PM

 $\textbf{C:} \ \, \textbf{Documents and Settings} \ \, \textbf{ECameron1} \ \, \textbf{My Documents} \ \, \textbf{EAST} \ \, \textbf{Workspaces} \ \, \textbf{10541844.wsp}$